

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
200144.413USPAPPLICATION NO.
10/517,805

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Ernesto Menta et al.

FILING DATE

December 5, 2005

GROUP ART UNIT

1625

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3,278,547	10/11/66	Brown	260	309.2	
AB	3,338,784	08/29/67	Brown	167	53	
AC	4,581,453	04/08/86	Ippen et al.	544	331	
AD	5,574,062	11/12/96	Hashimoto et al.	514	457	
AE	5,908,933	06/01/99	Trkovnik et al.	546	89	
AF	6,020,363	02/01/00	Hirano et al.	514	456	
AG						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AH	EP 284017 A1	09/28/88	EPO		
AI	EP 542372 A1	05/19/93	EPO		
AH	JP 05-000945	01/08/93	JP		X
AK	JP 05-000945	01/08/93	JP	X	
AL	WO 97/15308	05/01/97	WIPO		
AM	WO 98/17267	04/30/98	WIPO		
AN	WO 01/44189	06/21/01	WIPO		
AO					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Abdelhamid, A.O. et al., "A Convenient Synthesis of Thiophene, 1,3-Thiazole, 2,3-Dihydro-1,3,4-thiadiazole and Pyrazole Derivatives," <i>Journal of Chemical Research, Synopses (7)</i> : 240-241, July 1997.
AQ	Azuma, H., "Genetic and molecular pathogenesis of hereditary hemorrhagic telangiectasia," <i>Journal of Medical Investigation</i> 47:81-90, 2000.
AR	Cheson, B.D. et al., "Novel Therapeutic Agents for the Treatment of Myelodysplastic Syndromes," <i>Seminars in Oncology</i> 27:560-577, October 2000.

EXAMINER

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BA						

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				YES	NO
BB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	De Vriese, An S. et al., "Antibodies against Vascular Endothelial Growth Factor Improve Early Renal Dysfunction in Experimental Diabetes," <i>Journal of the American Society of Nephrology</i> 12:993-1000, 2001.
BD	Desai, M.K. et al., "Fluorescence and Lasing Properties of Some New Coumarin Dyes," <i>Molecular Materials</i> 8: 339-347, 1997.
BE	Eisenstein, R., "Angiogenesis in Arteries: Review," <i>Pharmacology & Therapeutics</i> 49(1/2):1-19, 1991.
BF	El-Morsy, S.S. et al., "Synthesis and Antimicrobial Activity of some New Thiazolo-, Quinoxalino-, Piperidino- and Naphthatriazino- coumarins," <i>Journal of the Indian Chemical Society</i> 65(10):699-701, October 1988.
BG	GenBank Database, Accession No. AAA35789, April 27, 1993.
BH	GenBank Database, Accession No. NP_004460, December 18, 2007.
BI	GenBank Database, Accession No. P35916, December 4, 2007.
BJ	GenBank Database, Accession No. P35968, December 4, 2007.
BK	GenBank Database, Accession No. XP_003456, October 16, 2001.
BL	GenBank Database, Accession No. XP_006539, July 16, 2001.
BM	Giatromanolaki, A. et al., "The angiogenic pathway 'vascular endothelial growth factor/flk-I (KDR)-receptor' in rheumatoid arthritis and osteoarthritis," <i>Journal of Pathology</i> 194:101-108, 2001.
BN	Gohar, A.-K. M.N., "Synthesis of Several New Chromone Derivatives and Their Antibacterial Activity," <i>Egyptian Journal of Chemistry</i> 31(3):367-364, 1988.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BD/

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CA						

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				YES	NO
CB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	Gürsoy, A. et al., "4-(3-Coumarinyl)-4-thiazolin-2-one Benzylidene-hydrazones with Antituberculosis Activity," <i>Arzneimittel Forschung, Drug Research</i> 50(1):167-172, February 2000.
CD	Gürsoy, A. et al., "Synthesis and Characterisation of Some 3-Acetylcoumarin Derivatives and Their Antimicrobial Evaluation," <i>Acta Pharmaceutica Turcica</i> 34:9-15, 1992.
CE	Hanmantgad, S.S. et al., "Biomimetic thiazolyl coumarins," <i>Nat. Acad. Sci. Letters</i> 7(3): 77-78, 1984.
CF	Hishmat, O.H. et al., "Synthesis of Some Coumarin Derivatives and their Antimicrobial Activity," <i>Archives of Pharmaceutical Research</i> 12(3):181-185, 1989.
CG	Hoshi, K. et al., "Histopathological Characterization of Melorheostosis," <i>Orthopedics</i> 24(3):273-277, March 2001.
CH	Kalluraya, B. et al., "Synthesis and biological activity of 6-substituted-3-[2-(5-substituted-2-furfurylidenehydrazino)-4-thiazolyl] coumarins," <i>Boll. Chim. Farmac.</i> 139(5): 263-266, November/December 2000.
CI	Kalluraya, B. et al., "Synthesis and Biological Activity of Some 2-Aryl-4-Coumarino-Thiazoles," <i>Indian Journal of Heterocyclic Chemistry</i> 5: 153-154, October-December, 1995.
CJ	Kalluraya, B. et al., "Synthesis of Some Triheterocyclic Thiazole Derivatives of Biological Interest," <i>Indian Journal of Heterocyclic Chemistry</i> 8: 241-242, January-March 1999.
CK	Kanazawa, S. et al., "VEGF, Basic-FGF, and TGF- β in Crohn's Disease and Ulcerative Colitis: A Novel Mechanism of Chronic Intestinal Inflammation," <i>The American Journal of Gastroenterology</i> 96(3):822-828, 2001.
CL	Kimura, I. et al., "New Triterpenes, Myrhanol A and Myrhanone A, from Guggul-Gum Resins, and their Potent Anti-Inflammatory Effect on Adjuvant-Induced Air-Pouch Granuloma of Mice," <i>Bioorganic & Medicinal Chemistry Letters</i> 11:985-989, 2001.
CM	Kreutzberger, von A. et al., "Antibakterielle Wirkstoffe in der Reihe der Dehydro-N-Mannich-Basen," <i>Chemiker Zeitung</i> 100: 390-391, September 1976.

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				YES	NO
DB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DC	Kulkarni, G.M. et al., "Synthesis and Anti-inflammatory Activity of Some New Triheterocyclic Thiazoles," <i>Revue Roumaine de Chimie</i> 35(4):549-554, April 1990.
DD	Kulkarni, M.V. et al., "Synthesis and Biological Properties of Some 3-Heterocyclic Substituted Coumarins," <i>Archiv der Pharmazie</i> 314:435-439, May 1981.
DE	Lerchen, H.-G. et al., "Design and Optimization of 20-O-Linked Camptothecin Glycoconjugates as Anticancer Agents," <i>Journal of Medicinal Chemistry</i> 44(24):4186-4195, November 22, 2001.
DF	Lingen, M.W., "Role of Leukocytes and Endothelial Cells in the Development of Angiogenesis in Inflammation and Wound Healing," <i>Arch. Pathol. Lab Med.</i> 125:67-71, January 2001.
DG	Lip, P.-L. et al., "Age-related Macular Degeneration is Associated with Increased Vascular Endothelial Growth Factor, Hemorheology and Endothelial Dysfunction," <i>Ophthalmology</i> 108:705-710, 2001.
DH	Meneses, P.I. et al., "Recombinant angiostatin prevents retinal neovascularization in a murine proliferative retinopathy model," <i>Gene Therapy</i> 8:646-648, 2001.
DI	Nickoloff, B.J., "Characterization of Lymphocyte-Dependent Angiogenesis Using a SCID Mouse: Human Skin Model of Psoriasis," <i>Journal of Investigative Dermatology Symposium Proceedings</i> 5(1):67-73, December 2000.
DJ	Nielsen, S.F. et al., "Antileishmanial Chalcones: Statistical Design, Synthesis, and Three-Dimensional Quantitative Structure - Activity Relationship Analysis," <i>Journal of Medicinal Chemistry</i> 41(24):4819-4832, November 19, 1998.
DK	Orita, M. et al., "Coumarin and Chromen-4-one Analogues as Tautomerase Inhibitors of Macrophage Migration Inhibitory Factor: Discovery and X-ray Crystallography," <i>Journal of Medicinal Chemistry</i> 44(4):540-547, February 15, 2001.
DL	Sherer, D.M. et al., "Angiogenesis during Implantation, and Placental and Early Embryonic Development," <i>Placenta</i> 22:1-13, 2001.

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				YES	NO
EB					

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EC	Sherer, D.M. et al., "The Role of Angiogenesis in the Accumulation of Peritoneal Fluid in Benign Conditions and the Development of Malignant Ascites in the Female," <i>Gynecologic and Obstetric Investigation</i> 50:217-224, 2000.
ED	Szekanecz, Z. et al., "Update of Synovitis," <i>Current Rheumatology Reports</i> 3: 53-63, 2001.
EE	Walsh, D.A. et al., "Angiogenesis in the pathogenesis of inflammatory joint and lung diseases," <i>Arthritis Research</i> 3:147-153, 2001.
EF	Westphal, G., "Heterocyclen aus Lävulinsäure. Reaktionen des α -Angelicalactons und 3-Acetoncumarins," <i>Tetrahedron</i> 25(21):5199-5203, 1969.
EG	Yagodinetz, P.I. et al., "Synthesis and Antimicrobial Activity of Derivatives of Phosphorus- and Nitrogen-Containing Coumarins," <i>Pharmaceutical Chemistry Journal</i> 29(1): 54-56, 1995.
EH	
EI	
EJ	
EK	
EL	

EXAMINER /Bernard Dentz/

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04/23/2008

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